

means for retrieving from said security association database means a plurality of security related parameters;

means for forwarding said plurality of security related parameters to at least one of said security engines for performing a security process therewith; and

- 5 packet building means adapted to construct an output packet in accordance with a particular security mode utilizing said input packet and the results of said security process.

25. The circuit according to claim 24, wherein at least one of said security engines is adapted to implement IPSec tunnel mode services.

- 10 26. The circuit according to claim 24, wherein at least one of said security engines is adapted to implement IPSec transport mode services.

27. The circuit according to claim 24, wherein at least one said security engine is adapted to perform encryption.

- 15 ~~28. The circuit according to claim 24, wherein at least one said security engine is adapted to perform decryption.~~

28. The circuit according to claim 24, wherein at least one said security engine is adapted to perform authentication.

29. The circuit according to claim 24, wherein at least one said security engine is adapted to perform one or more IPSec services.

- 20 30. The circuit according to claim 24, wherein said circuit is implemented in an Application Specific Integrated Circuit (ASIC).

31. The circuit according to claim 24, wherein said circuit is implemented in a Field Programmable Gate Array (FPGA).

- 25 32. The circuit according to claim 24, wherein said circuit is implemented in a Digital Signal Processor (DSP).

33. A portable computing device, comprising:  
communication means adapted to connect said device to a communications network;

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← ~~28~~  
typo  
correction.

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